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DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES

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TED SCHWINDEN, GOVERNOR
COGSWELL BUILDING
STATE OF MONTANA
HELENA, MONTANA 59620

January 5, 1984

Re: Preliminary Environmental Review
Lewistown Class III Landfill

Board of County Commissioners, Fergus Co. Courthouse, Lewistown, MT
Wilbur Linstrand, Mayor, City of Lewistown, 305 W. Watson, Lewistown, MT
John Hughes, City-Co. Planning Director, 305 W. Watson, Lewistown, MT
Dick Isern, County Sanitarian, Box 1150, Lewistown, MT
Thomas Evans, City Engineer, 305 W. Watson, Lewistown, MT
Environmental Quality Council, Capitol Bldg., Room 432, Helena, MT
Tom Ellerhoff, Environmental Sciences Division, DHES, Helena, MT
Harold Chambers, State Library, Capitol Complex, Helena, MT

Ladies and Gentlemen:

Pursuant to the Administrative Rules of Montana, 16.2.604, the following Preliminary Environmental Review has been prepared by the Department of Health and Environmental Sciences concerning City of Lewistown, Class III Landfill.

The purpose of the Preliminary Environmental Review is to inform all interested governmental agencies, public groups or individuals of the proposed action and to determine whether or not the action may have a significant effect on the human environment. This Preliminary Environmental Review will be circulated for a period of fifteen (15) days at which time a decision will be made as to our future action.

If you care to comment on this proposed action, please do so within the allotted time.

Sincerely,

JOHN C. GEACH
Solid Waste Management Bureau
Environmental Sciences Division

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DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES
Cogswell Building, Helena, Montana 59601
(406) 444-2821

PRELIMINARY ENVIRONMENTAL REVIEW

Division/Bureau Environmental Sciences Division/Solid Waste Management Bureau

Project or Application City of Lewistown Class III Landfill Application

Description of Project The City of Lewistown has operated a brush and tree disposal area north of the city for a number of years. Trees and wood wastes collected by the city's public works department have been stockpiled, burnt and their ashes buried at this location. The city has submitted a solid waste management system license application to this department to license this disposal site as a Class III landfill. A Class III license would enable the city to obtain state issued burning permits to continue to operate this site as in the past.

POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

	Major	Moderate	Minor	None	Unknown	Comments on Attached Pages
1. Terrestrial & aquatic life and habitats				X		
2. Water quality, quantity and distribution				X		
3. Geology & soil quality, stability and moisture				X		
4. Vegetation cover, quantity and quality				X		
5. Aesthetics			X			X
6. Air quality			X			X
7. Unique, endangered, fragile, or limited environmental resources				X		
8. Demands on environmental resources of land, water, air & energy			X			X
9. Historical and archaeological sites				X		

POTENTIAL IMPACTS ON HUMAN ENVIRONMENT

	Major	Moderate	Minor	None	Unknown	Comments on Attached Pages
1. Social structures and mores				X		
2. Cultural uniqueness and diversity				X		
3. Local and state tax base & tax revenue				X		
4. Agricultural or industrial production				X		
5. Human health			X			X
6. Quantity and distribution of community and personal income				X		
7. Access to and quality of recreational and wilderness activities				X		
8. Quantity and distribution of employment				X		
9. Distribution and density of population and housing				X		
10. Demands for government services			X			X
11. Industrial & commercial activity				X		
12. Demands for energy				X		
13. Locally adopted environmental plans & goals				X		
14. Transportation networks & traffic flows			X			X

Other groups or agencies contacted or which may have overlapping jurisdiction Central Montana Health District

Individuals or groups contributing to this PER.

Recommendation concerning preparation of EIS No EIS Necessary

PER Prepared by: John C. Geach
JOHN C. GEACH

Date: January 5, 1984

DHES/ESD-2

LEWISTOWN PRELIMINARY ENVIRONMENTAL REVIEW

POTENTIAL IMPACT ON PHYSICAL ENVIRONMENT

5. Aesthetics - The stockpiling of trees and wood wastes will alter the aesthetics of this site. These materials will likely be stored for extended periods prior to burning.

6. Air Ouality - The burning of wood wastes will impact the area's air quality. If these wood materials are allowed to thoroughly dry and if the burning is conducted during ideal weather conditions, this impact will be minimized.

8. Demands on Environmental Resources of Land, Water, Air and Energy. This landfill will adversely affect the future mining of gravel deposits found within this site. However, the extent of these gravel deposits and their size in relationship to the area's total mineable gravel reserves is not known.

POTENTIAL IMPACTS ON HUMAN ENVIRONMENT

5. Human Health Burning wood wastes will produce air emissions which in heavy concentrations can be harmful to the health of the general public. Individuals with chronic respiratory problems would be adversely impacted to a greater extent.

10. Demands for Governmental Services - Governmental services will be required on the local and state levels for inspectional and administrative services associated with the issuance of a solid waste management system license to this landfill.

14. Transportation Networks and Traffic Flows - Public access to the site will be controlled. The license applicant indicates the site will only be used occasionally by city's public works department for brush and tree trimmings collected in town. Therefore very little increase in traffic flow to the site is expected.